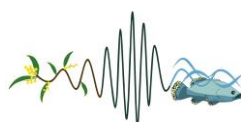


WEC 2026

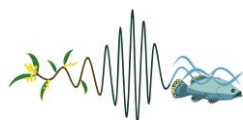
Monday, 17 August 2026				
Time	Mezzanine - Room 5	Mezzanine - Room 6	Mezzanine - Room 7	Mezzanine - Room 8
08:00 - 09:00	Registration desk open			
08:30 - 09:00	MORNING COFFEE			
09:00 - 12:00	Workshop 1: Building and Running Recognisers with Ecosounds (Philip Eichinski)	Workshop 2: Dandhigu Yimbana: Listening on Country and the Ethics of Ecoacoustics (Leah Barclay)	Workshop 3: The Hitchhiker's Guide to Acoustic Localisation (Frontier Labs)	Workshop 5: Using the EcoCommons Platform to Run Species Distribution Models with Acoustic Occurrence Data (EcoCommons)
12:00 - 13:00	LUNCH			
	Film screening: Sound Guardians			
13:00 - 16:00	Workshop 1 (Cont.): Building and Running Recognisers with Ecosounds (Philip Eichinski)	Workshop 2 (Cont.): Dandhigu Yimbana: Listening on Country and the Ethics of Ecoacoustics (Leah Barclay)	Workshop 4: Developing Best Practice Guidelines for Ecoacoustics in Australia (May-Le Ng, Kristen Thompson)	Workshop 6: From Priorities to Practice: Building a Global Bioacoustics "Network of Networks" (John Quinn)
16:00 - 16:30	AFTERNOON TEA			
16:00 - 17:00	Registration desk open			
18:00 - 20:00	Welcome function			

Workshop registration form sent to **registered delegates**.



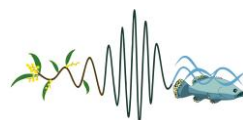
Tuesday, 18 August

Time	Mezzanine - Rooms 7 & 8	Mezzanine - Room 6
08:00 - 09:00	REGISTRATION	
09:00 - 09:30	Introduction and Welcome to Country	
09:30 - 10:30	Plenary: From soundscapes to individuals: zooming into marine ecosystems through sound <i>Xavier Raick</i>	
10:30 - 11:00	MORNING COFFEE	
11:00 - 13:00	Ecology: General	SYMPOSIUM: Listening as Ecological Practice: Ecoacoustics, Artistic Research, and Community Engagement
	<i>Session Chair: Juan Carlos Azofeifa-Solano</i>	<i>Session Chair: Leah Barclay</i>
11:00 - 11:15	Phenological shifts in low-latitude frogs revealed by 15-year acoustic monitoring and deep learning <i>Kaede Kimura</i>	Listening to Ecosystems: The Ethics of Ecoacoustics and Interdisciplinary Perspectives of Field Recording <i>Leah Barclay</i>
11:15 - 11:30	Understanding the mechanistic pathways for soundscape ecological interpretation: a case from coral reefs <i>Juan Carlos Azofeifa-Solano</i>	Hearing Now: Connecting people to place through soundscape performance in Noosa, Australia <i>Finley Wegener</i>
11:30 - 11:45	Acoustic arrays and acoustic spatial capture recapture (aSCR) for estimating abundance and habitat preferences of the Critically Endangered Western Ground Parrot <i>Joseph Jantke</i>	Bioacoustic Playback as Ecological Intervention in Creative Practice <i>Jesse Budel</i>
11:45 - 11:50	Revealing termite behavioural responses to drought using ecoacoustics <i>Alex Flynn Taylor</i>	Soundscapes Under Influence An artistic and scientific exploration of semantic and aesthetic soundscape listening <i>Philippe Woloszyn</i>
11:50 - 11:55	Divergent Scaling in Fire-Maintained Landscapes: Mono- vs. Multifractal Soundscape Geometry as Indicators of Avian Diversity and Forest Structure <i>Gabriel Cahalan</i>	
11:55 - 12:00	Preliminary investigation into the Effects of Traffic Surges on Gibbon Vocal Behavior in a Forested Landscape of West Sumatra, Indonesia <i>Umar Fhadli Kennedi</i>	
12:00 - 12:15	Impacts of Cattle Grazing on Tropical Savanna Bird Communities Revealed Through Ecoacoustic Monitoring <i>Lin Schwarzkopf</i>	Researching Songlines with new technologies <i>Jacinta Tobin</i>



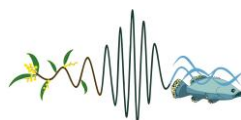
Tuesday, 18 August

Time	Mezzanine - Rooms 7 & 8	Mezzanine - Room 6
11:00 - 13:00	Ecology: General (Cont.) <i>Session Chair: Juan Carlos Azofeifa-Solano</i>	SYMPOSIUM: Listening as Ecological Practice: Ecoacoustics, Artistic Research, and Community Engagement (Cont.) <i>Session Chair: Leah Barclay</i>
12:15 - 12:30	Using Ecoacoustics to identify cold- and hotspots of birds in Victoria, Australia <i>Marina D. A. Scarpelli</i>	Sounding Reef Futures: Ecoacoustic Methods for Tracing Loss, Persistence, and Renewal <i>Diana Chester</i>
12:30 - 12:45	Our Ears on Recovery: using Passive Acoustic Monitoring and BirdNET to reveal avian responses to changing fire regimes <i>Eleanor Hadfield</i>	Sonic Vision: Learning to Read the Landscape Through Listening <i>Peter Coulter</i>
12:45 - 12:50	Predicting ecological condition in agricultural landscapes using a simulated reference point framework: passive acoustic monitoring, satellite remote sensing, and elastic net regression <i>David Tucker</i>	Attunement as Method: Spatial Audio Installation and Ecological Encounter <i>Kristina Dutton</i>
12:50 - 13:05	Beyond presence-absence: ecoacoustic detection of complex bird community responses to fire <i>Karen Rowe</i>	Acoustic Sovereignty as a theoretical framework <i>Tyler Andrew Lackey</i>
13:05 - 14:00	LUNCH	
13:05 - 14:00	Lunchtime workshop: ARDC workshop - TBC	
14:00 - 15:00	Methods: Hardware and Infrastructure <i>Session Chair: Anthony Truskinger</i>	Conservation 1 <i>Session Chair: Robert Clemens</i>
14:00 - 14:15	Open Ecoacoustics: New Features and Platform Updates <i>Anthony Truskinger</i>	FAIR Practices in Ecoacoustics: State of the Art Review, Challenges and Opportunities for Data Stewardship <i>Joëlle Stocker</i>
14:15 - 14:30	EcoCommons: Scalable, Reproducible Infrastructure for Ecological Modelling and Conservation Decisions <i>Ryan Newis</i>	Improving survey design and distribution estimates for Powerful Owl (<i>Ninox strenua</i>) using passive acoustic monitoring, occupancy modelling, and spatial optimisation <i>Robert Clemens</i>



Tuesday, 18 August

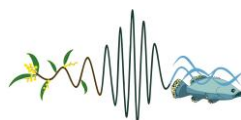
Time	Mezzanine - Rooms 7 & 8	Mezzanine - Room 6
14:00 - 15:00	Methods: Hardware and Infrastructure (Cont.) <i>Session Chair: Anthony Truskinger</i>	Conservation 1 (Cont.) <i>Session Chair: Robert Clemens</i>
14:30 - 14:45	Is Conservation Tech Ready for What's Next? <i>Lisa Cawthen</i>	Monitoring a cryptic endangered amphibian: comparing traditional surveys and acoustic monitoring, identifying drivers of detection probability and fire-regime impacts on Watson's tree frog <i>Louise Durkin</i>
14:45 - 15:00	Improving detectability of bioacoustic signals on edge devices Kyle N.	A decade of dialect change in a vulnerable Hawaiian honeycreeper revealed by passive acoustic monitoring and birdsong embeddings <i>Benjamin L. GOTTESMAN</i>
15:00 - 15:30	AFTERNOON TEA	
15:30 - 17:30	SYMPOSIUM: Arrays & Networks <i>Session Chair: Nick Friedman</i>	
15:30 - 15:45	Synthesizing long-term historical acoustic data into useful baseline calling activity for vocal vertebrate communities across the TERN network <i>Slade Allen-Ankins</i>	
15:45 - 16:00	Listening to Managalas: Large-Scale Biodiversity Monitoring in a Community-Led Conservation Landscape in New Guinea <i>Karlina Indraswari</i>	
16:00 - 16:15	Towards Robust and Scalable Biodiversity Monitoring in Guyana <i>Neal N Millar</i>	
16:15 - 16:30	A remotely deployed multi-sensor biodiversity assessment tool integrating passive acoustic monitoring, camera traps, and satellite remote sensing for agricultural landscapes <i>David Tucker</i>	
16:15 - 16:30	Forest Voices: Landscape-scale monitoring for forest fauna using acoustic sensors, artificial intelligence and robust analytics <i>Brad Law</i>	



WEC 2026

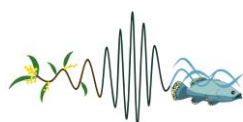
Tuesday, 18 August

Time	Mezzanine - Rooms 7 & 8	Mezzanine - Room 6
15:30 - 17:30	SYMPOSIUM: Arrays & Networks (Cont.) <i>Session Chair: Nick Friedman</i>	
16:30 - 16:45	NOAA's Passive Acoustics Strategic Initiative – Building Open-Source Applications, Analytical Capability, Community Data Standards and Ecological Metrics <i>Sofie Van Parijs</i>	
16:45 - 16:50	Insights on fish sounds from portable audio-video array <i>Juan Carlos Azofeifa-Solano</i>	
17:15 - 18:15	Annual General Meeting (ACE)	
18:00 - 20:00	POSTER SESSION	



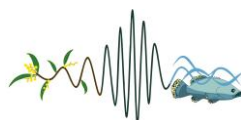
Wednesday, 19 August

Time	Mezzanine - Rooms 7 & 8	Mezzanine - Room 6
08:30 - 09:00	REGISTRATION	
09:00 - 09:15	Introduction and Housekeeping	
09:15 - 10:15	Plenary: From noise to neighbourhoods: the ecological, cultural, and evolutionary forces shaping soundscapes <i>Dominique Potvin</i>	
10:15 - 10:45	MORNING COFFEE	
10:45 - 12:45	Soundscapes 1	Ecology: Predictive
	Session Chair: Simon Linke	Session Chair: TBC
10:45 - 11:00	Soundscape variation among habitats at Lizard Island <i>Leo Chiu-Leung</i>	Linking Science and Communities: Acoustic Monitoring of an Indicator Species to Support Corridor Management <i>Mónica Retamosa Izaguirre</i>
11:00 - 11:15	Detecting seasonal soundscape patterns in protected areas for long-term monitoring: a standardized, unbiased sampling design associated with acoustic region workflow for establishing soundscape states and trends <i>Ivan Campos</i>	Passive acoustic monitoring as a tool for assessing ecosystem gradients in Africa's tropical savannah <i>Consolata Gitau</i>
11:15 - 11:30	Listening across landscapes: tracking ecological communities through space and time <i>Simon Linke</i>	Using soil vibrations to analyze the effects of unsustainable selective logging on soil invertebrate communities <i>Joakim Vaagen</i>
11:30 - 11:35	Linking Ecoacoustic and Soundscape Indices to Assess Tourism Pressure in a Thai World Heritage Site <i>Jiraporn Teampanpong</i>	Calibrating condition calculations for acoustic data: A case study of the imperiled woodland bird community of southeast Australia <i>Courtney Melton</i>
11:35 - 11:40	An automated approach for detection and classification of Australian mysticete sounds <i>Juan Carlos Azofeifa-Solano</i>	
11:40 - 11:45	Unique soundscapes reflect the diversity of habitats in a tropical seascape <i>Clelia Mula</i>	
11:45 - 12:00	Landscape modification effect on Bats: an Ecoacoustic assessment in lowland Northeast India <i>Pratik Das</i>	Sounds of the seascape: Can passive acoustic monitoring assist in evaluating the 'success' of marine restoration? <i>Alice Howie</i>
12:00 - 12:15	Diel patterns of ecoacoustic indices show links to habitat <i>James Kemp</i>	Decadal Trends in Migration Phenology of Eastern Indian Ocean Pygmy Blue Whales Using Long-Term Passive Acoustic Monitoring in South West Australia <i>Brodee Lowe</i>



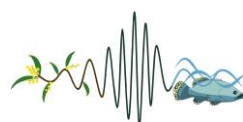
Wednesday, 19 August

Time	Mezzanine - Rooms 7 & 8	Mezzanine - Room 6
10:45 - 12:45	Soundscapes 1 (Cont.)	Ecology: Predictive (Cont.)
	<i>Session Chair: Simon Linke</i>	<i>Session Chair: TBC</i>
12:15 - 12:30	Characterising Tingle Forest Soundscapes Using Passive Acoustic Monitoring <i>Lauren Amy Hawkins</i>	How passive acoustic and traditional monitoring estimate bird diversity across habitats <i>Jarek Scanferla</i>
12:30 - 12:45	Listening Together: How the Land Libraries Project has Connected Private Landholders with the Acoustic Tools for Conservation <i>Joel Stibbard</i>	
12:45 - 13:45	LUNCH	
12:45 - 13:45	Lunchtime Workshop: Wildlife Acoustics From Micro 2 to SM5Bat: Simplifying Passive Recorder Workflow with the Song Meter Configurator App	
13:45 - 14:45	Panel session 1: Ecoacoustics for monitoring	
14:45 - 15:45	Methods: Detection 1	SYMPOSIUM: Multidisciplinary approach to behavioural and ecoacoustics challenges of avian vocal mimicry
	<i>Session Chair: TBC</i>	<i>Session Chair: Concepción Cortés Zulueta</i>
14:45 - 15:00	Beyond Fixed Windows: A Data-Driven Approach to Acoustic Event Segmentation in Ecoacoustics <i>Thomas Napier</i>	Eurasian Blackbirds (<i>Turdus merula</i>) mimic anthropogenic sounds and vocalizations from invasive species, reflecting human impact and the ecological degradation of the soundscape <i>Concepción Cortés Zulueta</i>



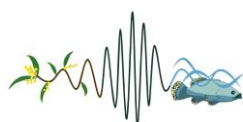
Wednesday, 19 August

Time	Mezzanine - Rooms 7 & 8	Mezzanine - Room 6
14:45 - 15:45	Methods: Detection 1	SYMPOSIUM: Multidisciplinary approach to behavioural and ecoacoustics challenges of avian vocal mimicry
	<i>Session Chair: TBC</i>	<i>Session Chair: Concepción Cortés Zulueta</i>
15:00 - 15:15	Fast Species Recognisers from Acoustic Embeddings: Benchmarking Performance and Spatial Transferability <i>Franco Ka Wah Leung</i>	Composers not ARUs: what the lyrebird's mimetic song tells us about animal culture and conservation <i>Fiona Backhouse</i>
15:15 - 15:30	The Bush Bird Classifier (BBC) provides a road-tested, custom recogniser for automating biodiversity assessments of the woodland birds of south-east Australia, including Tasmania <i>Paul McDonald</i>	What mimics make of soundscapes: avian vocal mimicry and Australia's lyrebirds <i>Anastasia Dalziell</i>
15:30 - 15:45		Large-scale NLP detection of vocal mimicry in Australian community science bird observations <i>Richard Littauer</i>
15:45 - 16:15	AFTERNOON TEA	
16:15 - 17:15	Plenary: What role will ecoacoustics play in the post 2030 conservation agenda, and how can we contribute? <i>Zuzana Burivalova</i>	
17:30 - 18:30	Annual General Meeting (ISE)	
19:00- 22:00	OPTIONAL DINNER; OCHRE RESTAURANT (TBC)	



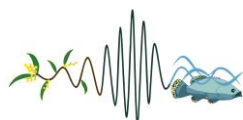
Thursday, 20 August

Time	Mezzanine - Rooms 7 & 8	Mezzanine - Room 6
08:30 - 09:00	REGISTRATION	
09:00 - 09:15	Introduction and Housekeeping	
09:15 - 10:15	Plenary: Tuning in together: Collaborative sound science reveals resonance across people, nature, and place <i>Wendy Erb</i>	
10:15 - 10:45	MORNING COFFEE	
10:45 - 11:45	Bioacoustics 1	Methods: Detection 2
	<i>Session Chair: Liz Znidersic</i>	<i>Session Chair: TBC</i>
10:45 - 11:00	Description and analysis of estuarine crocodile (<i>Crocodylus porosus</i>) underwater and airborne sounds reveals a graded repertoire and potential differential function <i>Sonnie Flores</i>	YAAAT: Yet Another Audio Annotation Tool <i>Ashlae Blum'e</i>
11:00 - 11:15	Event-Driven Acoustic Monitoring for Asian Elephant Rumble Detection Using Edge-Based Classification <i>Aekkarach Suwan</i>	How much is the model missing? Human-in-the-loop iterative clustering for threshold-agnostic acoustic validation <i>Callan Alexander</i>
11:15 - 11:30	How useful is captive training data for automatically detecting wild acoustic vocalisations? A case study on African lions <i>Jonathan Growcott</i>	Scaling species verification and recogniser improvement with citizen science verification <i>Philip Eichinski</i>
11:30 - 11:35	Hoot's there? Acoustic localisation of the Christmas Island hawk-owl using passive acoustic monitoring <i>Mayuri Kotian</i>	A novel spectrogram-matching method for manual verification of wildlife calls: bats as a case study <i>Lachlan McRae</i>
11:35 - 11:40		Comparative performance of BirdNET, Perch and VicFrogNET for automated acoustic classification of birds and frogs in south-eastern Australia <i>Kristian Bell</i>
11:40 - 11:45		



Thursday, 20 August

Time	Mezzanine - Rooms 7 & 8	Mezzanine - Room 6
11:45 - 12:45	Bioacoustics 1 (Cont.)	Conservation 2
	Session Chair: Liz Znidersic	Session Chair: TBC
11:45 - 12:00	A semi-automated acoustic survey method for Southern Whiteface – a threatened passerine of inland Australia <i>Lachlan Wild</i>	Illegal firewood harvest surveillance using specialised audio classification and localisation algorithms Jacob Maher
12:00 - 12:15	Occupancy of Glossy Black-Cockatoos using passive acoustics and conventional surveys <i>Daniella Teixeira</i>	Calling out loud: influence of land-use change, social context, climate, and body condition on amphibian calling behaviour in the Western Ghats <i>Vijay Karthick</i>
12:15 - 12:30	Passive acoustic recorders and a new call-recogniser software expand knowledge of the Plains-wanderer in Queensland’s Channel Country <i>Tessa Manning</i>	Using a customised BirdNET acoustic recogniser to detect and estimate population densities of Noisy Miners (<i>Manorina melanocephala</i>) Kieran STEPHENSON-BANKS
12:30 - 12:35	A call for water – investigating the water requirements for the Endangered Australasian bittern <i>Botaurus poiciloptilus</i> <i>Elizabeth Znidersic</i>	Acoustic monitoring to support species conservation on Christmas Island <i>Sheryn Brodie</i>
12:35 - 12:40	Integrated monitoring for cryptic Black-breasted Button quail <i>Sydney Collett</i>	
12:40 - 12:45		
12:45 - 13:45	LUNCH	
12:45 - 13:45	Lunchtime Workshop: How to PAM – Theory and Praxis of Deploying an Acoustic Recorder (Kieran Aland, Frontier Labs)	
13:45 - 14:45	Ecology: Tracking	Soundscapes 2
	Session Chair: TBC	Session Chair: TBC
13:45 - 14:00	Evaluating Passive Acoustic Monitoring for the Detection of Invasive Deer Compared to Camera Traps <i>Jacopo Bartholomew</i>	The cost of delay: Quantifying information loss from delayed ecological monitoring across biomes <i>Ardiantiono</i>
14:00 - 14:15	From Calls to Counts: Estimating Koala Abundance Using Integrated Ecoacoustic and Visual Surveys <i>Justin Cally</i>	Hearing the Bigger Picture: Landscape-scale Acoustic Monitoring of Fauna in NSW Timber Production Forests <i>Leroy GONSALVES</i>



Thursday, 20 August		
Time	Mezzanine - Rooms 7 & 8	Mezzanine - Room 6
13:45 - 14:45	Ecology: Tracking (Cont.)	Soundscapes 2 (Cont.)
	<i>Session Chair: TBC</i>	<i>Session Chair: TBC</i>
14:15 - 14:30	The Sound Awakens: Continuous acoustic monitoring of fauna responses to flooding events at Moodie Swamp in northern Victoria <i>Jo-Anne Geddes</i>	Listening to Lady Bay: Passive Acoustic Monitoring and Data Science Approaches to Reef Soundscape Analysis <i>Tristan Louth-Robins</i>
14:30 - 14:45	Mapping the "Social Active Space": Integrating Sound Propagation Physics with CNN-based Monitoring to Understand Galago Sociality <i>Laetitia Confuron</i>	Multi year passive acoustic observations of offshore fish chorusing in the northwest of Western Australia <i>Lauren Amy Hawkins</i>
14:45 - 15:15	AFTERNOON TEA	
15:15 - 16:15	Bioacoustics 2	Conservation 3
	<i>Session Chair: TBC</i>	<i>Session Chair: Jessie Moyses</i>
15:15 - 15:30	Acoustic identity: linking signature whistles and visual identification in a threatened dolphin population <i>Amber Crittenden</i>	The Acoustic Death Hypothesis: Climate-driven Constraints on Anuran Communication and Survival <i>Nikhil Modak</i>
15:30 - 15:45	Social and behavioural contexts of pygmy blue whale vocalisations <i>Andrew Davenport</i>	Evaluating Audio Foundation Models for Freshwater Acoustic Monitoring <i>Toby Gifford</i>
15:45 - 16:00		Accounting for biological, physical, and computational filters in ecoacoustics: lessons learned from coral reefs <i>Juan Carlos Azofeifa-Solano</i>
16:00 - 16:15		Using recognisers to identify bird community condition for informing a natural capital account <i>Jessie Moyses</i>
16:15 - 16:45	Closing ceremony	

